

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110422\
 Data File : BF130990.D
 Acq On : 04 Nov 2022 14:00
 Operator : CG\JU
 Sample : N5335-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Quant Time: Nov 05 00:37:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 06:20:24 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

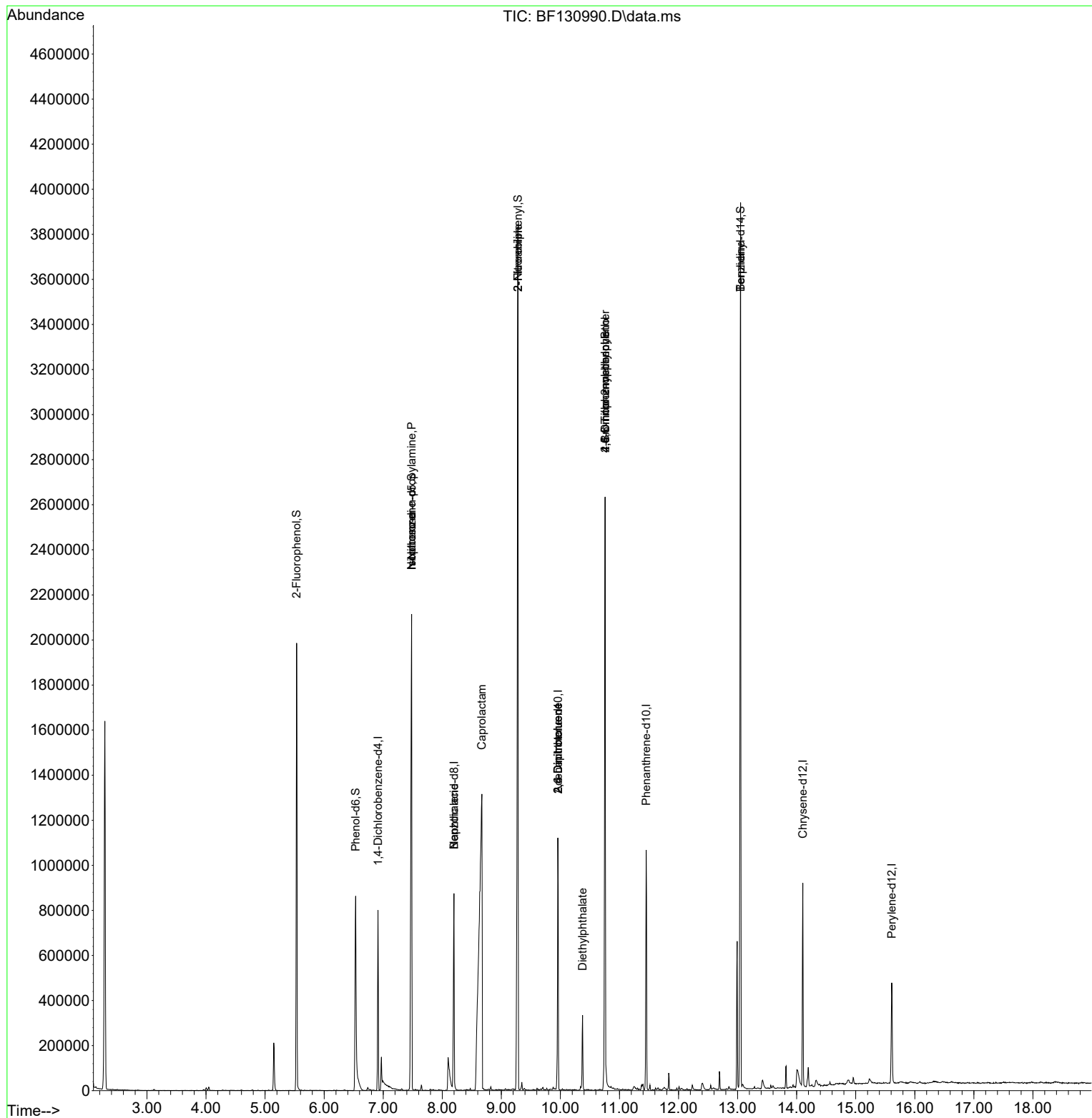
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	110388	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	388941	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	232964	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	382120	20.000	ng	0.00
76) Chrysene-d12	14.104	240	285412	20.000	ng	0.00
86) Perylene-d12	15.610	264	201934	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	503881	79.133	ng	0.00
7) Phenol-d6	6.534	99	405629	49.021	ng	0.00
23) Nitrobenzene-d5	7.481	82	857438	132.932	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	328145	167.328	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1347584	87.455	ng	0.00
79) Terphenyl-d14	13.051	244	1423401	91.388	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	120528	21.409	ng	# 75
25) Isophorone	7.481	82	856357	64.382	ng	# 66
32) Benzoic acid	8.198	122	99	7.701	ng	# 1
35) Caprolactam	8.669	113	418821	229.506	ng	99
48) 2-Nitroaniline	9.281	65	2546	4.690	ng	# 1
51) 2,6-Dinitrotoluene	9.957	165	29689	11.982	ng	# 14
57) 2,4-Dinitrotoluene	9.957	165	29689	10.875	ng	# 21
60) Diethylphthalate	10.375	149	111822	7.106	ng	98
65) 4,6-Dinitro-2-methylph...	10.757	198	645	8.265	ng	# 1
67) 4-Bromophenyl-phenylether	10.757	248	20310	5.285	ng	# 1
77) Benzidine	13.051	184	21777	3.143	ng	# 86

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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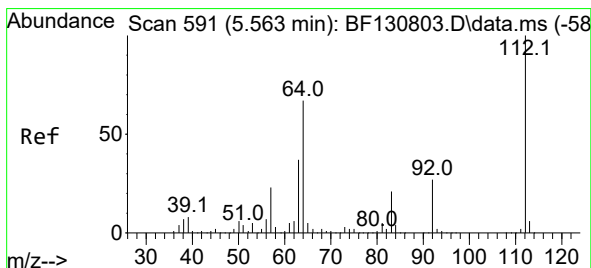
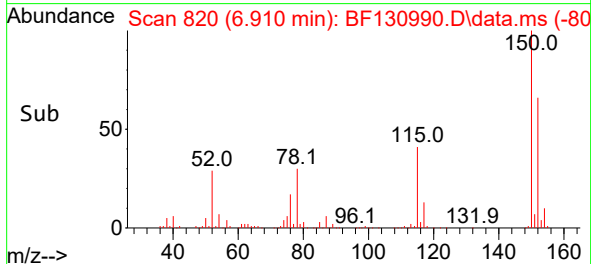
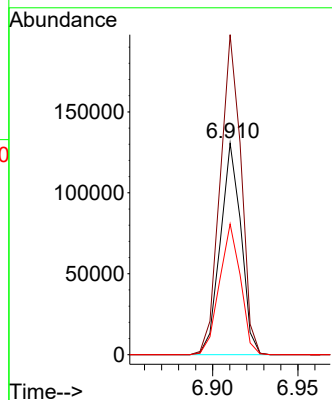
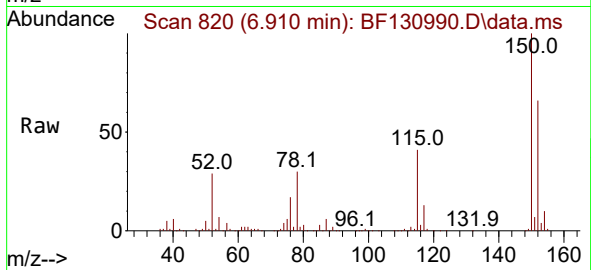




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130990.D
Acq: 04 Nov 2022 14:00

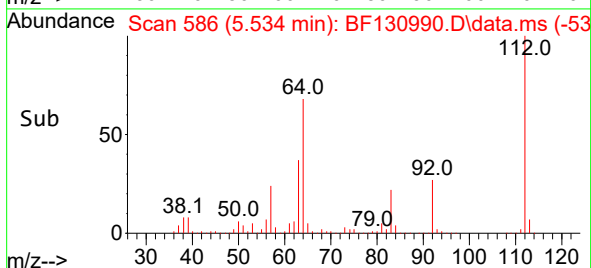
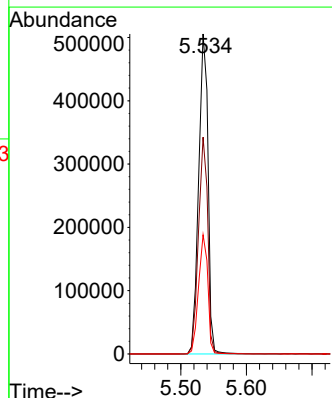
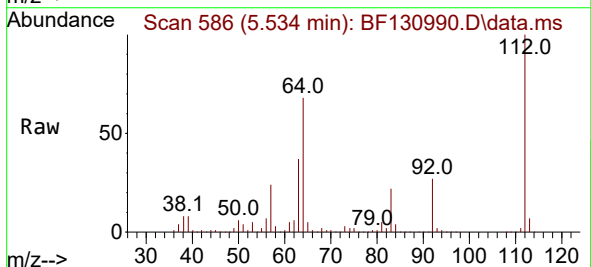
Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion:152 Resp: 110388
Ion Ratio Lower Upper
152 100
150 151.2 124.1 186.1
115 61.8 50.1 75.1



#5
2-Fluorophenol
Concen: 79.133 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF130990.D
Acq: 04 Nov 2022 14:00

Tgt Ion:112 Resp: 503881
Ion Ratio Lower Upper
112 100
64 67.7 53.9 80.9
63 37.3 29.4 44.2

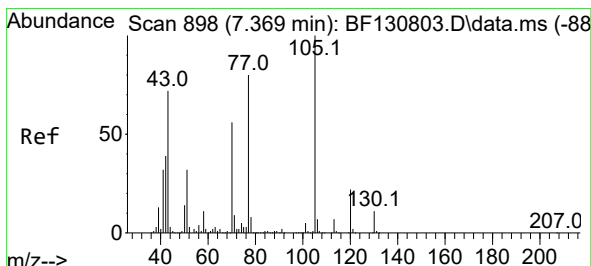
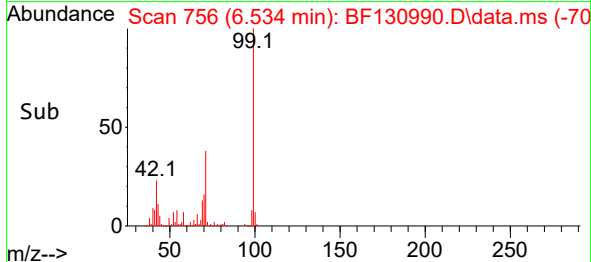
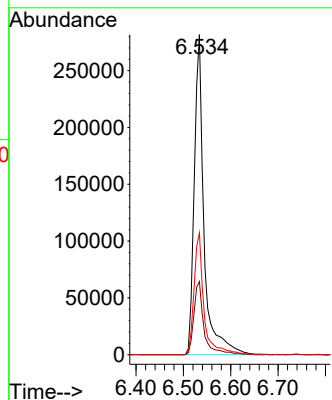
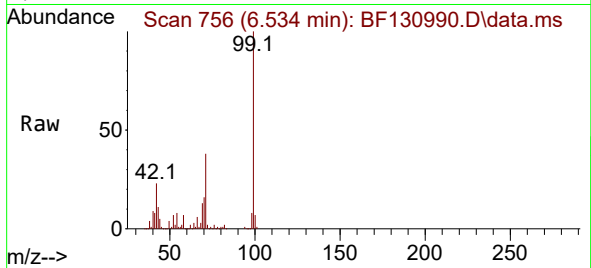




#7
Phenol-d6
Concen: 49.021 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130990.D
Acq: 04 Nov 2022 14:00

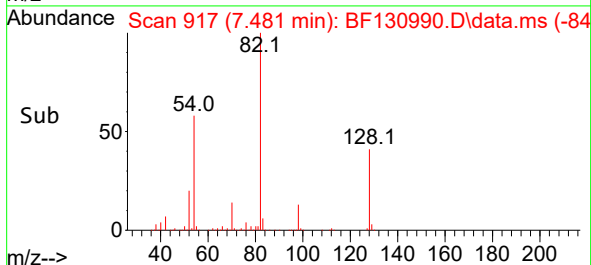
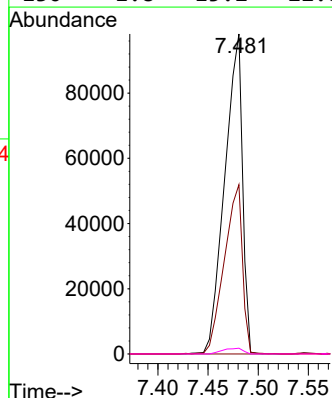
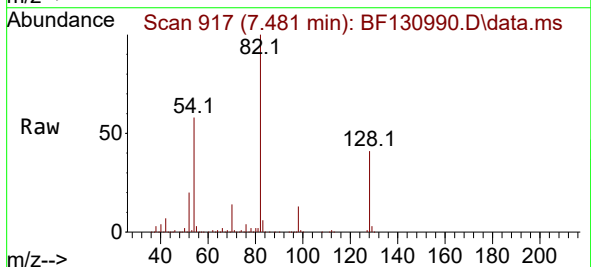
Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion: 99 Resp: 405629
Ion Ratio Lower Upper
99 100
42 22.8 18.8 28.2
71 38.1 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.409 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.153 min
Lab File: BF130990.D
Acq: 04 Nov 2022 14:00

Tgt Ion: 70 Resp: 120528
Ion Ratio Lower Upper
70 100
42 52.9 56.1 84.1#
101 0.0 7.3 10.9#
130 1.8 15.2 22.8#

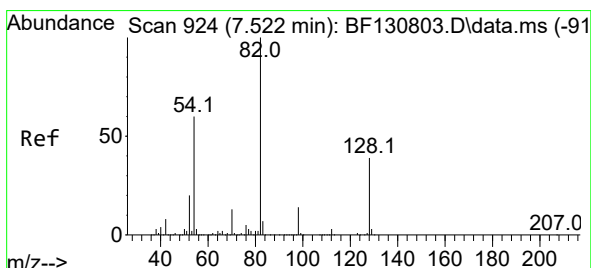
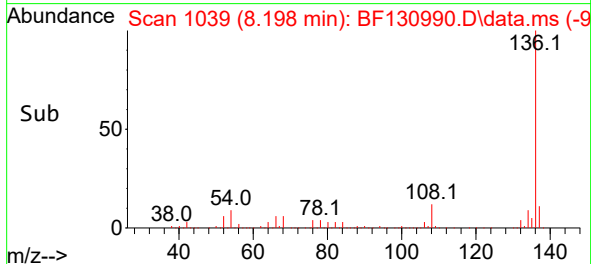
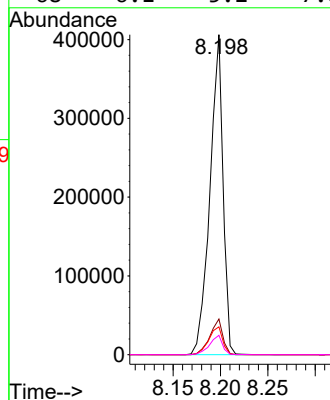
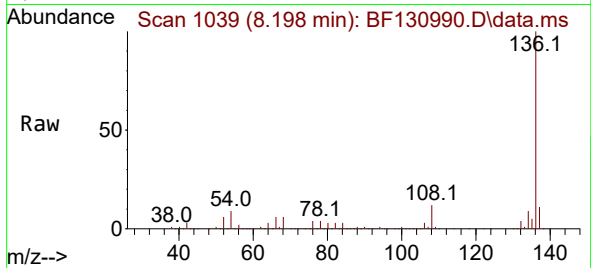




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF130990.D
Acq: 04 Nov 2022 14:00

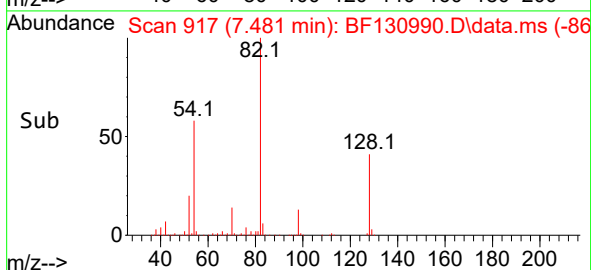
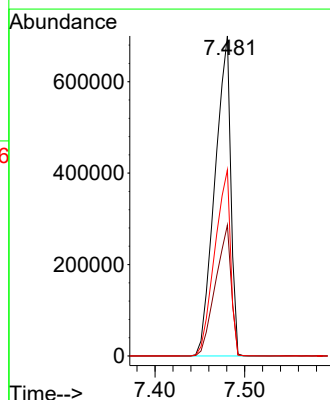
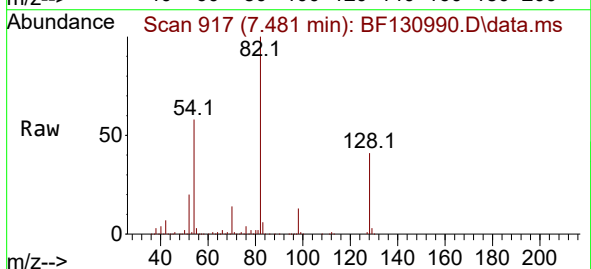
Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion:136 Resp: 388941
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 8.7 8.8 13.2#
68 6.1 5.2 7.8



#23
Nitrobenzene-d5
Concen: 132.932 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF130990.D
Acq: 04 Nov 2022 14:00

Tgt Ion: 82 Resp: 857438
Ion Ratio Lower Upper
82 100
128 40.9 31.2 46.8
54 58.2 48.0 72.0

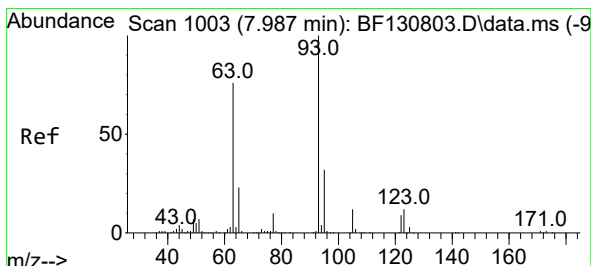
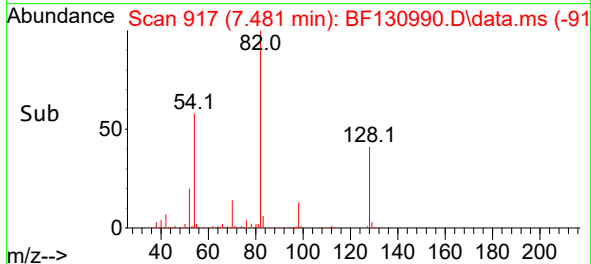
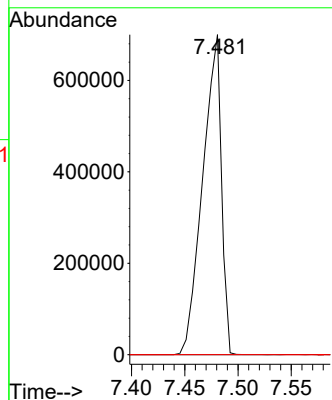
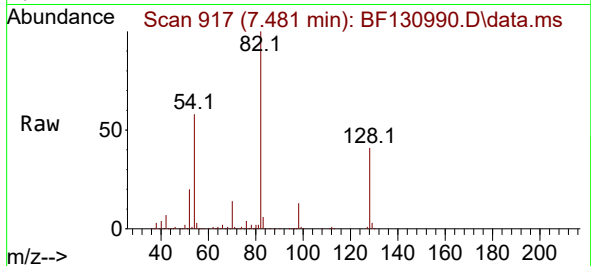




#25
Isophorone
Concen: 64.382 ng
RT: 7.481 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF130990.D
Acq: 04 Nov 2022 14:00

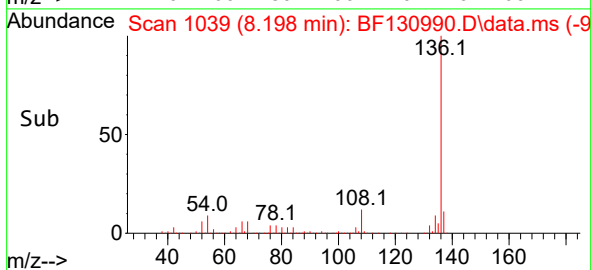
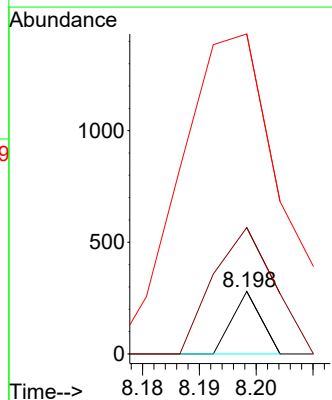
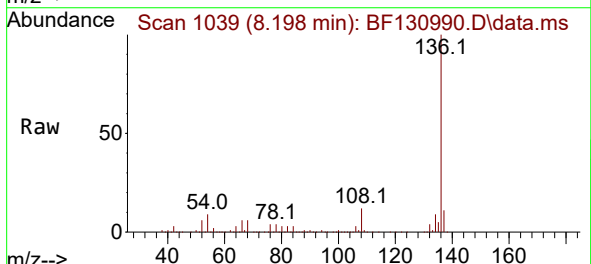
Instrument :
BNA_F
ClientSampleId :
SB-2

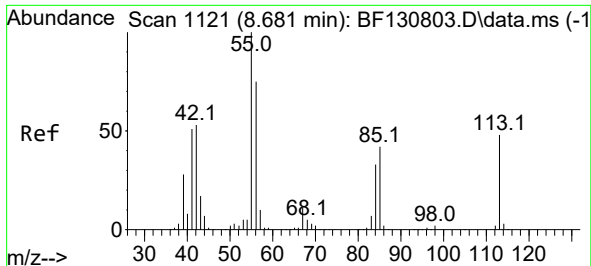
Tgt Ion: 82 Resp: 856357
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.701 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.235 min
Lab File: BF130990.D
Acq: 04 Nov 2022 14:00

Tgt Ion:122 Resp: 99
Ion Ratio Lower Upper
122 100
105 202.1 114.5 154.5#
77 511.8 89.8 129.8#

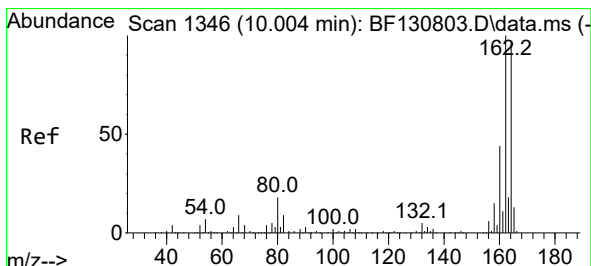
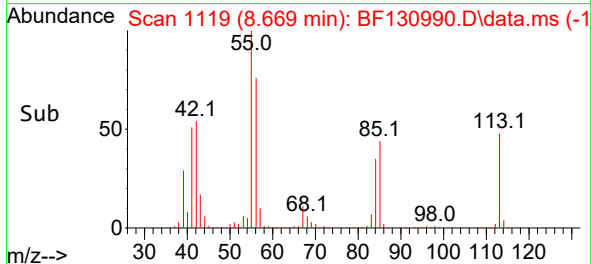
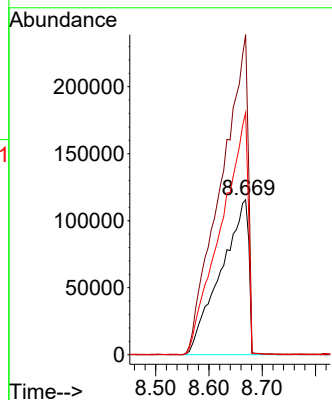
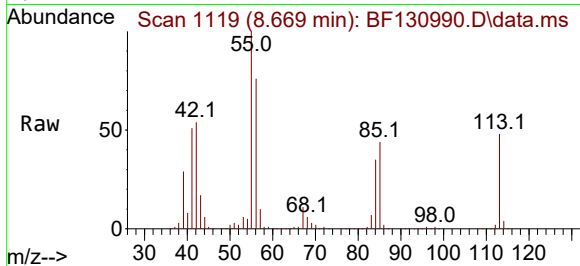




#35
 Caprolactam
 Concen: 229.506 ng
 RT: 8.669 min Scan# 1121
 Delta R.T. 0.024 min
 Lab File: BF130990.D
 Acq: 04 Nov 2022 14:00

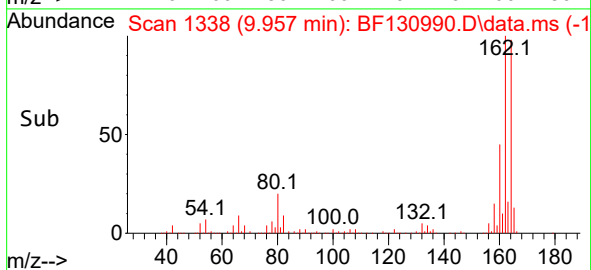
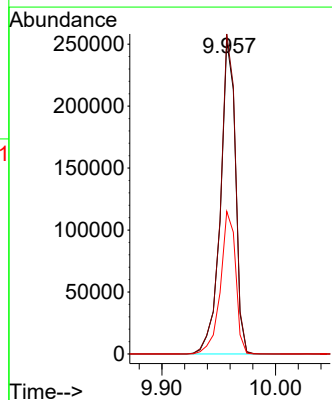
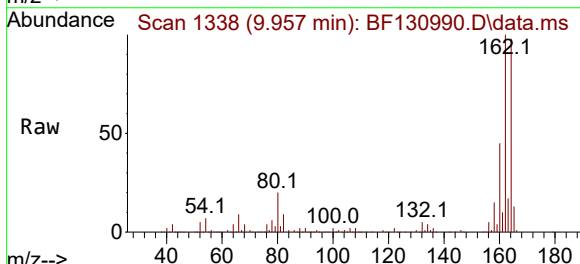
Instrument :
 BNA_F
 ClientSampleId :
 SB-2

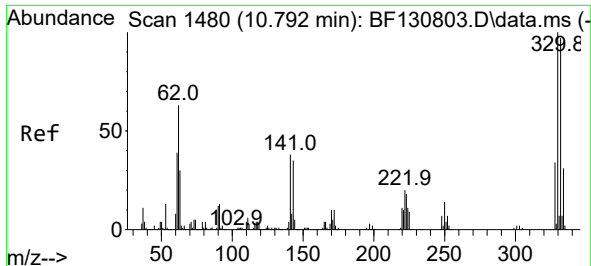
Tgt Ion:113 Resp: 418821
 Ion Ratio Lower Upper
 113 100
 55 206.7 187.0 227.0
 56 156.4 134.2 174.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.957 min Scan# 1338
 Delta R.T. -0.006 min
 Lab File: BF130990.D
 Acq: 04 Nov 2022 14:00

Tgt Ion:164 Resp: 232964
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.2 123.2
 160 45.5 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 167.328 ng

RT: 10.757 min Scan# 1480

Delta R.T. 0.000 min

Lab File: BF130990.D

Acq: 04 Nov 2022 14:00

Instrument :

BNA_F

ClientSampleId :

SB-2

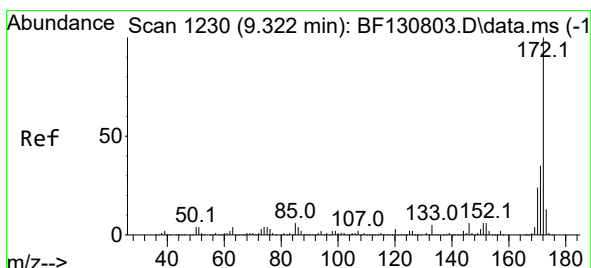
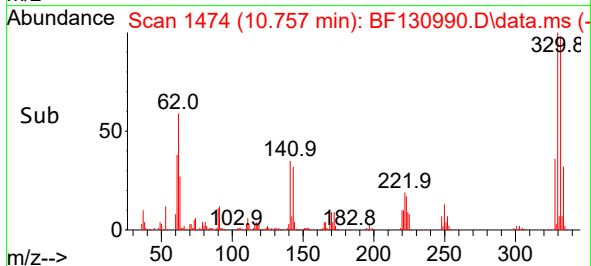
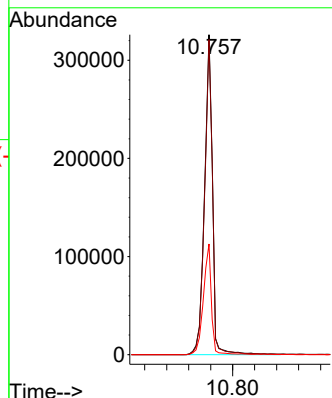
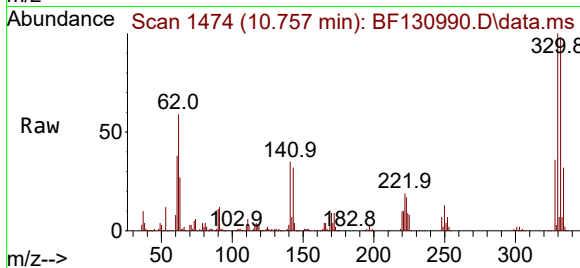
Tgt Ion:330 Resp: 328145

Ion Ratio Lower Upper

330 100

332 97.9 76.2 114.4

141 35.1 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 87.455 ng

RT: 9.281 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF130990.D

Acq: 04 Nov 2022 14:00

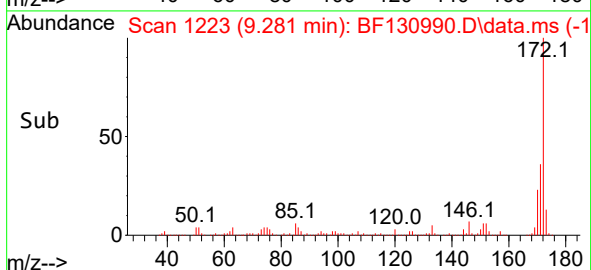
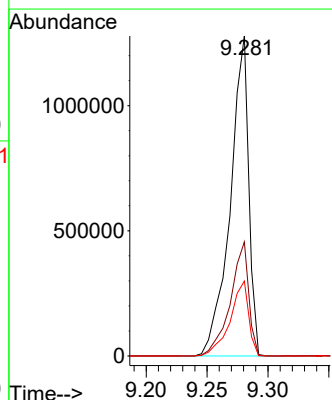
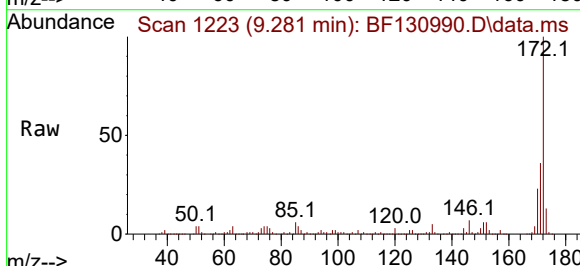
Tgt Ion:172 Resp: 1347584

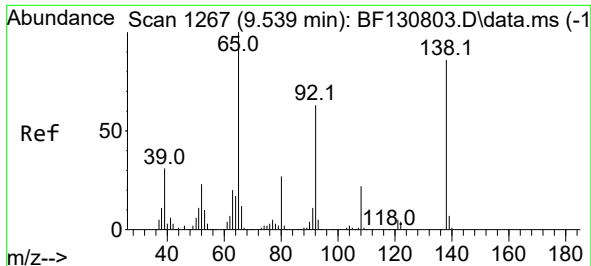
Ion Ratio Lower Upper

172 100

171 35.6 28.1 42.1

170 23.4 19.0 28.4

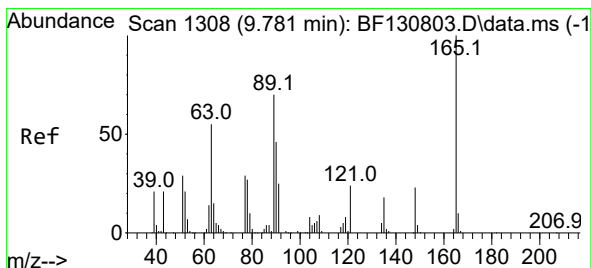
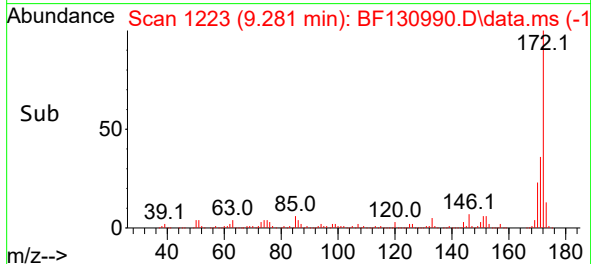
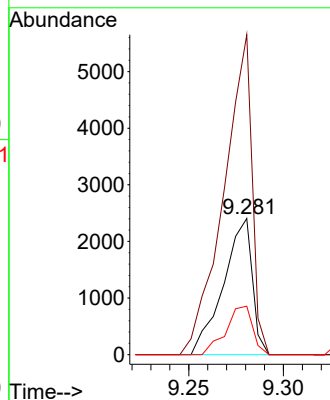
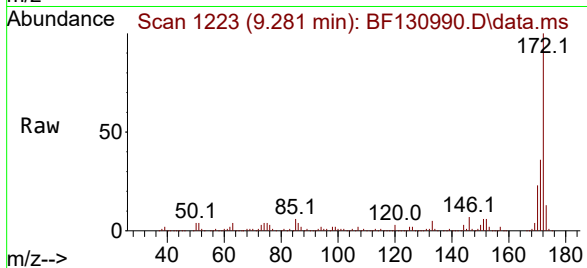




#48
2-Nitroaniline
Concen: 4.690 ng
RT: 9.281 min Scan# 11
Delta R.T. -0.224 min
Lab File: BF130990.D
Acq: 04 Nov 2022 14:00

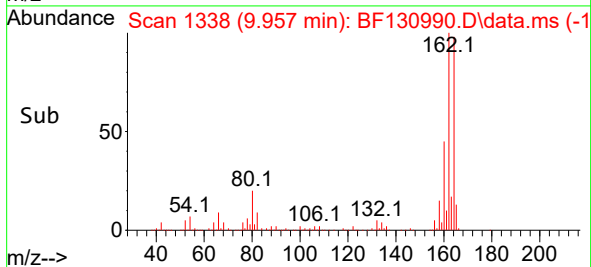
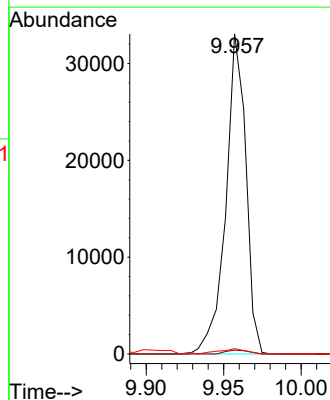
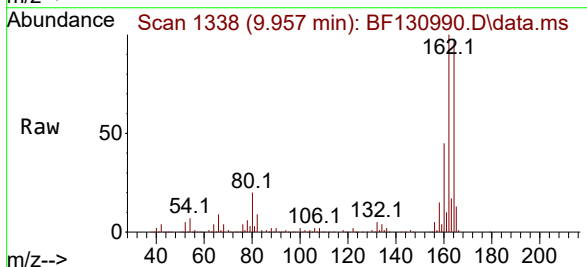
Instrument :
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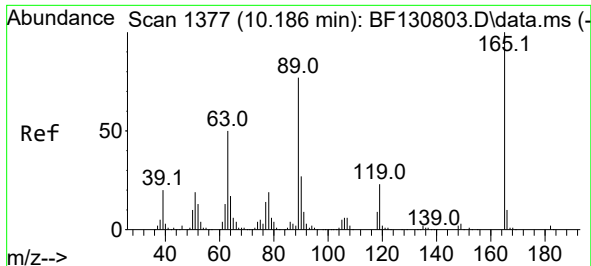
Tgt Ion: 65 Resp: 2546
Ion Ratio Lower Upper
65 100
92 235.1 50.1 75.1#
138 35.6 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 11.982 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.212 min
Lab File: BF130990.D
Acq: 04 Nov 2022 14:00

Tgt Ion: 165 Resp: 29689
Ion Ratio Lower Upper
165 100
63 1.2 61.8 92.8#
89 1.6 56.2 84.4#





#57

2,4-Dinitrotoluene

Concen: 10.875 ng

RT: 9.957 min Scan# 11

Delta R.T. -0.194 min

Lab File: BF130990.D

Acq: 04 Nov 2022 14:00

Instrument :

BNA_F

ClientSampleId :

SB-2

Tgt Ion:165 Resp: 29689

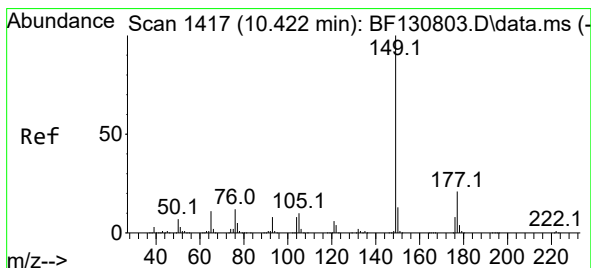
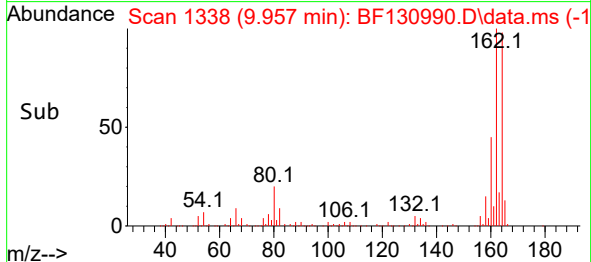
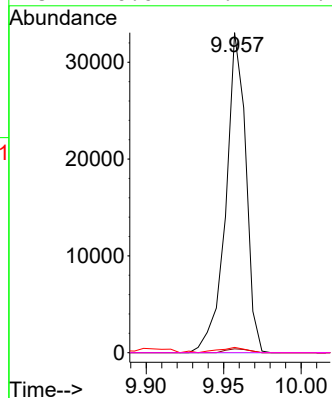
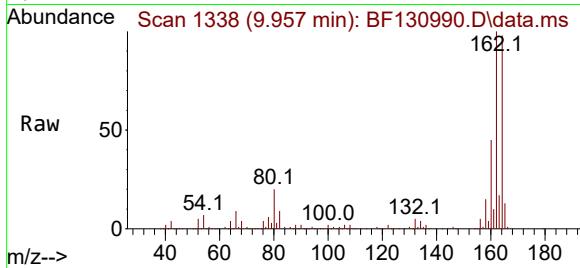
Ion Ratio Lower Upper

165 100

63 1.2 39.8 59.6#

89 1.6 61.9 92.9#

182 0.0 1.9 2.9#



#60

Diethylphthalate

Concen: 7.106 ng

RT: 10.375 min Scan# 1409

Delta R.T. -0.012 min

Lab File: BF130990.D

Acq: 04 Nov 2022 14:00

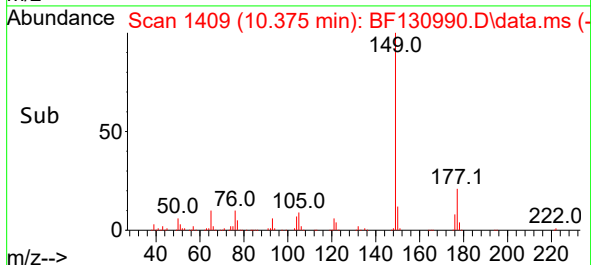
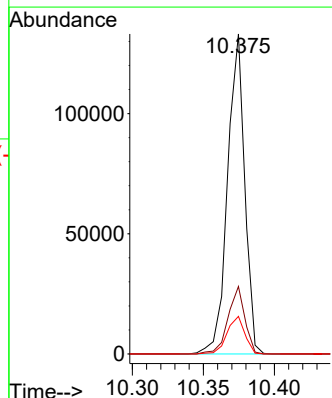
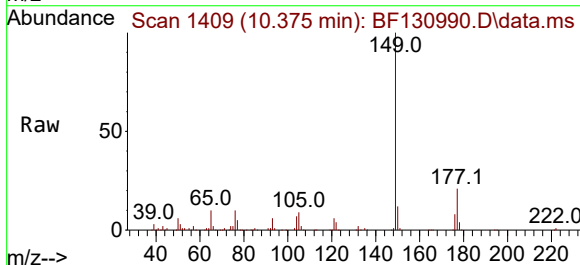
Tgt Ion:149 Resp: 111822

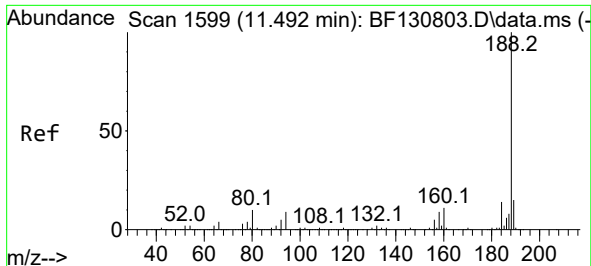
Ion Ratio Lower Upper

149 100

177 21.1 17.2 25.8

150 11.7 10.8 16.2

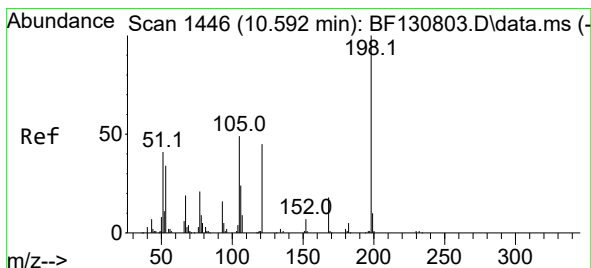
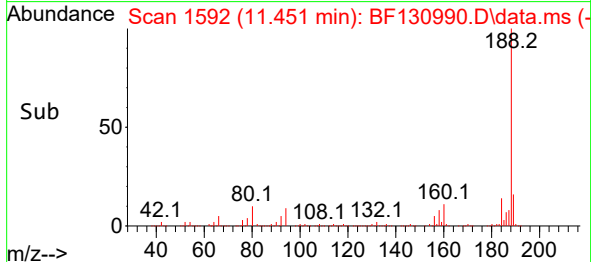
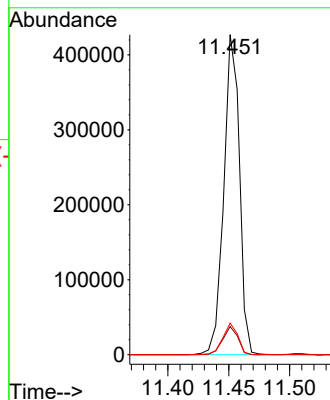
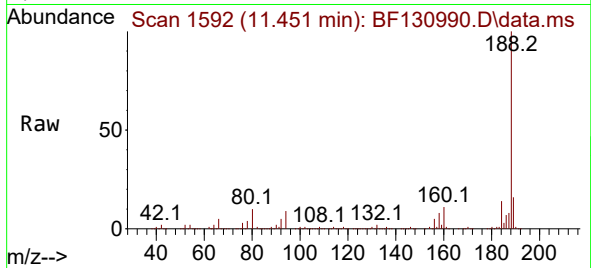




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130990.D
Acq: 04 Nov 2022 14:00

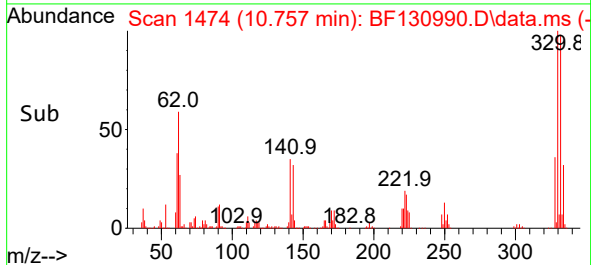
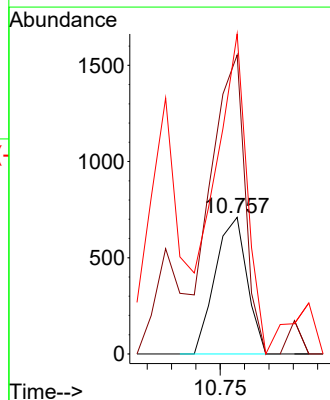
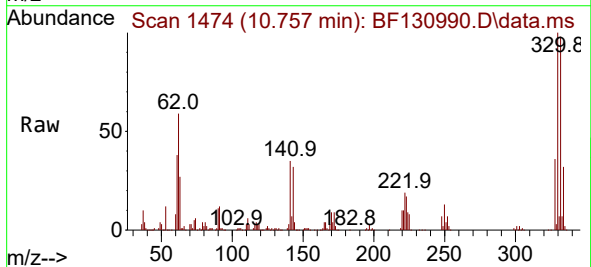
Instrument :
BNA_F
ClientSampleId :
SB-2

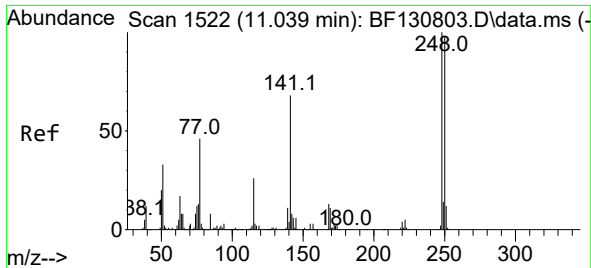
Tgt Ion:188 Resp: 382120
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.9 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 8.265 ng
RT: 10.757 min Scan# 1474
Delta R.T. 0.194 min
Lab File: BF130990.D
Acq: 04 Nov 2022 14:00

Tgt Ion:198 Resp: 645
Ion Ratio Lower Upper
198 100
51 218.9 39.0 79.0#
105 234.2 30.6 70.6#

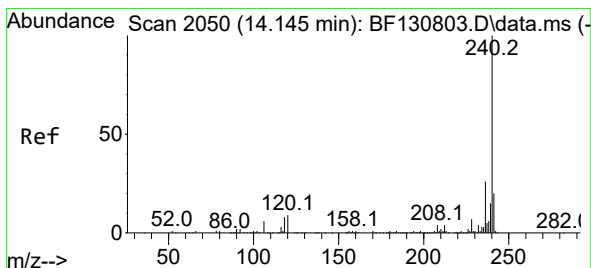
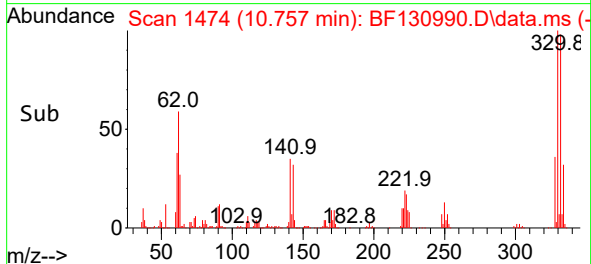
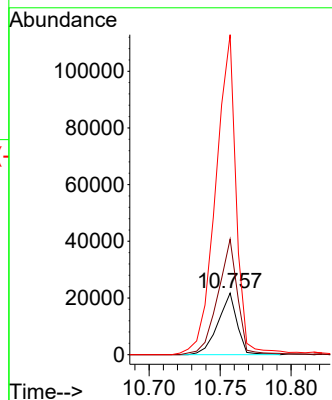
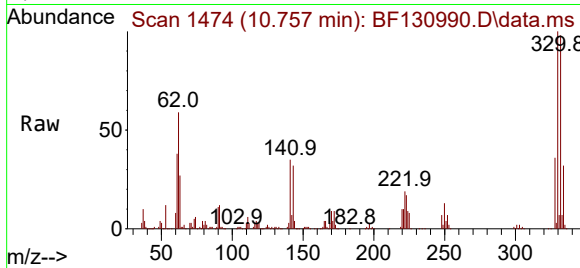




#67
4-Bromophenyl-phenylether
Concen: 5.285 ng
RT: 10.757 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF130990.D
Acq: 04 Nov 2022 14:00

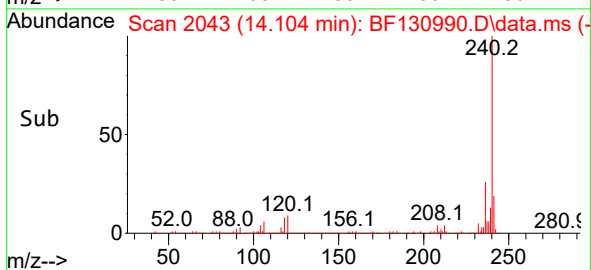
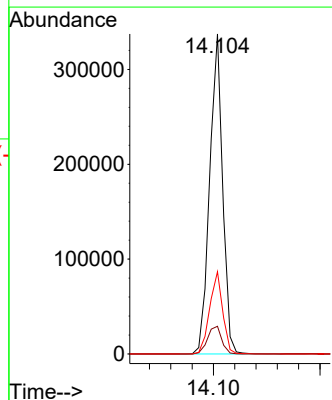
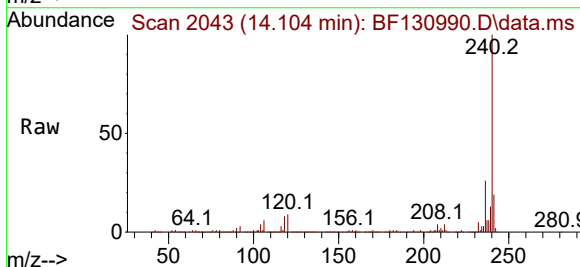
Instrument :
BNA_F
ClientSampleId :
SB-2

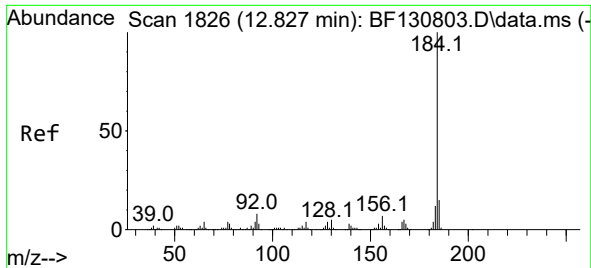
Tgt Ion:248 Resp: 20310
Ion Ratio Lower Upper
248 100
250 187.4 78.6 117.8#
141 519.1 54.2 81.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BF130990.D
Acq: 04 Nov 2022 14:00

Tgt Ion:240 Resp: 285412
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.4
236 25.7 20.5 30.7

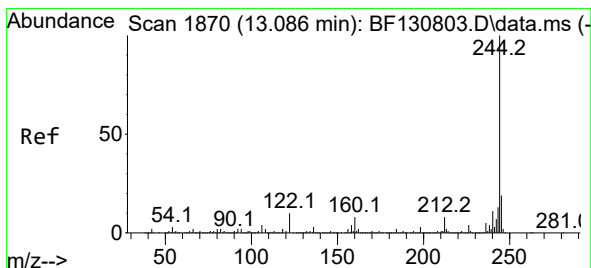
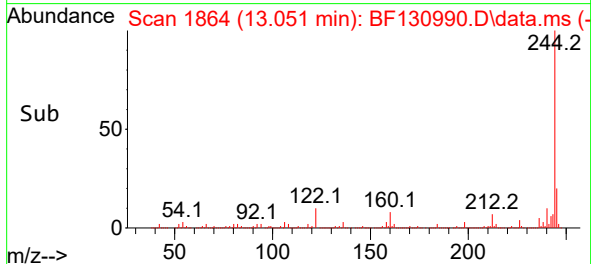
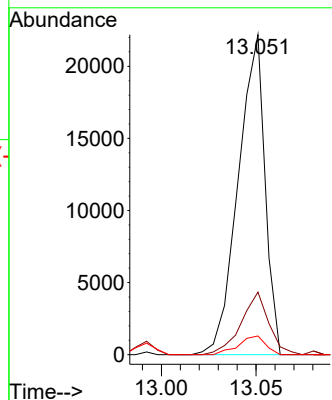
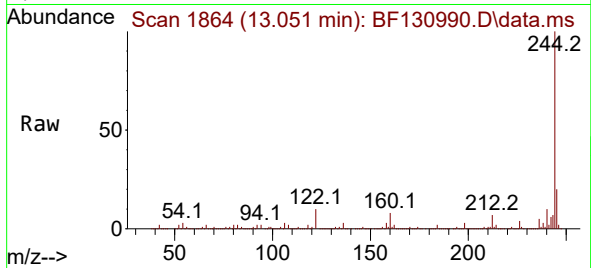




#77
Benzidine
Concen: 3.143 ng
RT: 13.051 min Scan# 1864
Delta R.T. 0.259 min
Lab File: BF130990.D
Acq: 04 Nov 2022 14:00

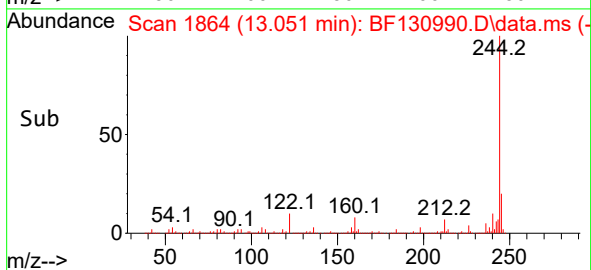
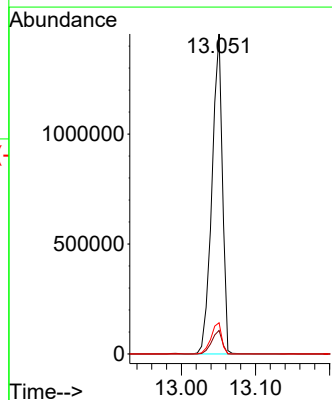
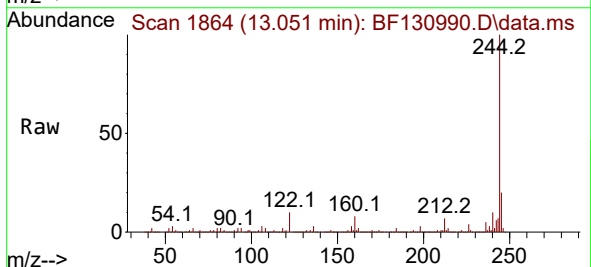
Instrument :
BNA_F
ClientSampleId :
SB-2

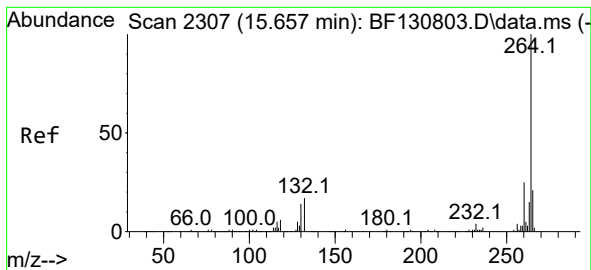
Tgt Ion:184 Resp: 21777
Ion Ratio Lower Upper
184 100
185 19.5 11.8 17.8#
183 5.8 9.7 14.5#



#79
Terphenyl-d14
Concen: 91.388 ng
RT: 13.051 min Scan# 1864
Delta R.T. 0.006 min
Lab File: BF130990.D
Acq: 04 Nov 2022 14:00

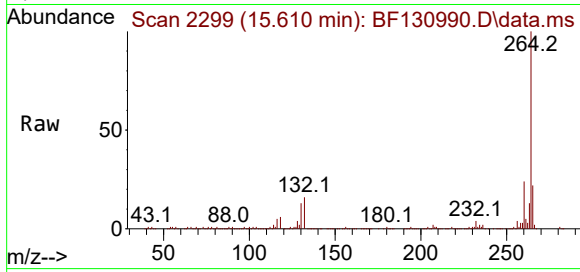
Tgt Ion:244 Resp: 1423401
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.2
122 9.8 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.610 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF130990.D
Acq: 04 Nov 2022 14:00

Instrument :
BNA_F
ClientSampleId :
SB-2



Tgt Ion:264 Resp: 201934

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.9	29.9
265	21.7	17.0	25.6

